

2690 ✓
PM
2/7/90 LOTS ✓
2/8/90 noon ✓
2/9/90 AM ✓
②

File

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

03-313786
INDEXED

P 45572

A 36589

DISTRICT 3rd

DATE 2/2/90

DATE SYSTEM APPROVED 2/9/90

INSPECTOR C.B.A.

Bergmeister & Bell IS PERMITTED TO INSTALL X ALTER

ADDRESS 1033 S. Dolfields Road, Owings Mills, Maryland 21117 PHONE 363-0880

SUBDIVISION King's Grant ROAD 3213 Parliament Place LOT 3

PROPERTY OWNER Craft Construction

ADDRESS _____

~~IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%~~

GARBAGE GRINDER YES ~~XXXXXXXXXXXXNO~~

210
4
5L 240
168 ft trench

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 210 sq.ft per bedroom. Trench to be 2 feet wide. Inlet 2 1/2 feet below original grade. Bottom maximum depth 7 1/2 feet below original grade. Effective area begins at 2 1/2 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start the first trench 105 feet from the front lot line and 90 feet from the right lot line. Run trenches along contour toward rear right part of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK(CA)

PLANS APPROVED BY Craig Williams cm DATE 12/15/88

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BOG. PERMIT SIGNED

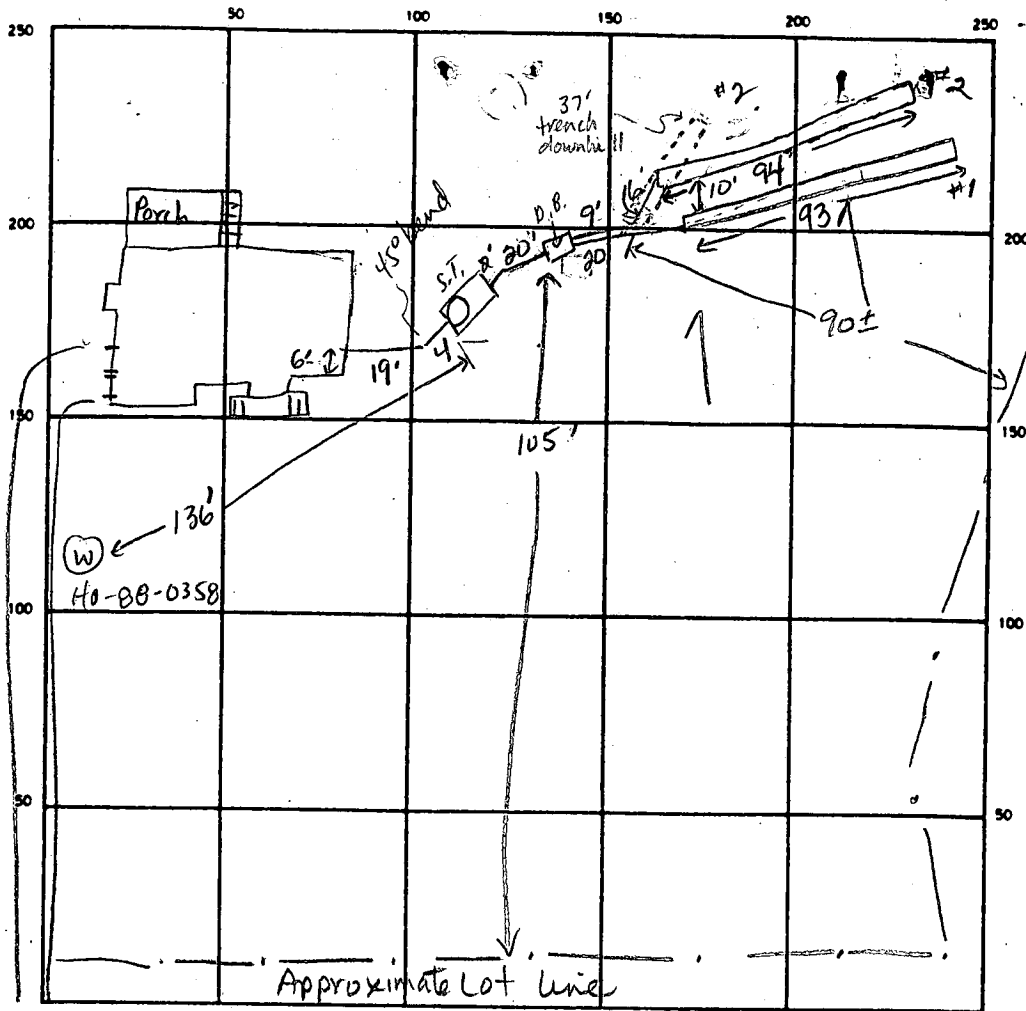
AND RETURNED 2/3/90

Serial # 33720 - pmd

A 36589

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Parliament Place

2/9/90
To finish with 1 more to this cleanout
C.B.D

SEPTIC TANK, LEVEL 2000 gal CLEANOUTS Manhole on tank

DISTRIBUTION BOX, LEVEL off (with baffle)

DRAIN FIELD/TILE FIELD, DEPTH 7.5 7.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2.5 FT.

EFFECTIVE GRAVEL DEPTH 5.0 5.0 avg FT. TOTAL LENGTH 93 94 = 187 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 465 470 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 935+ SQ. FT.

REMARKS 2-6-90 OK to install line from tank to box and cover to box. OK to cover from house to tank. JEN 2-7-90 Trench is running across contour, downhill. Stop work order issued. JEN 2-8-90 Trenches realigned. OK to stone trenches, add pipe & paper. Leave #2 open to bottom at tail end. OK to cover trenches leaving ends open to inlet. JEN 2-8-90 OK to cover trenches leaving ends open to inlet depth. 2/9/90 OK TO COVER - FINAL - SEE ABOVE

DATE SYSTEM APPROVED 2/9/90 INSPECTOR Charles Bryan

KING'S GRANT
Parliament Place

A 36589

SUBDIVISION:

LOT NUMBER: 3

DRY WELL OR DRY WELL AND TRENCH

	Septic Tank	Minimum Total Square Feet
3 bedroom	1000 gallon	_____ sq. ft./bedroom
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.
 Bottom maximum depth _____ feet below original grade.
 Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

Trench to be 2' wide. 210 sq. ft./bedroom
 Inlet 2 1/2 feet below original grade. 484BP
 Bottom maximum depth 7 1/2 feet below original grade.
 Effective area begins at 2 1/2 feet below original grade.
5 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 105' FROM THE
FRONT LOT LINE AND 190' FROM THE RIGHT LOT LINE,
RUN TRENCHES ALONG CONTOUR TOWARD REAR RIGHT
PART OF LOT.

12/15/88 CWL/ha-

APPLICATION

PERCOLATION TESTING

A 36589

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 3rd

DATE 2-17-86

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER J. C. Mappley CRAFT Builders

ADDRESS Penness Hill Farm Rt 32 West Friendship PHONE 489-4642

PROSPECTIVE BUYER Howard County Land Services Inc

ADDRESS 16176 Galitman National Pike PHONE 465-5855

PROPERTY LOCATION: 6600 ROAD 461-4600

SUBDIVISION Mappley Property KING'S GRANT NEW 3
LOT NO. 7 plat 6/86

ROAD AND DESCRIPTION Rt 32 old Irony Road Parliament Place
3213 PARLIAMENT PLACE

TAX MAP 22 PARCEL # 7

SIZE OF LOT 3.2 ac TYPE BLDG. Single Family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

J. C. Mappley
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Dep heads DATE 5-22-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

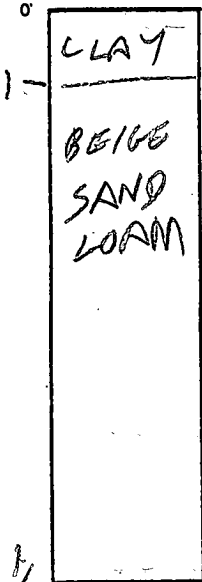
REASONS FOR REJECTION OR HOLDING 7/21/86 PERC OK HOLD FOR PLAT R18

BLDG. PERMIT SIGNED
AND RETURNED 5-22-89

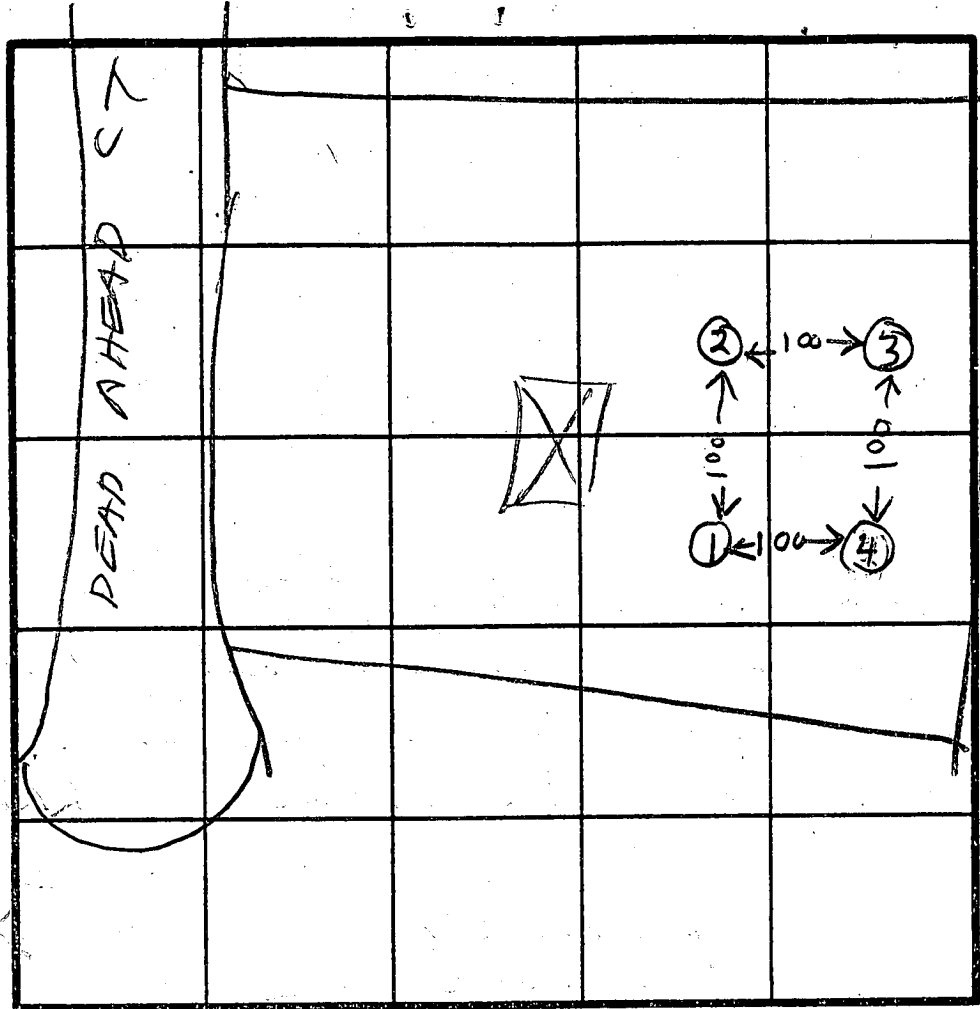
BP 25989 SA

THIS IS NOT A PERMIT

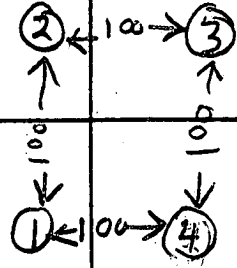
SOIL PROFILE



12 1/2



HOLE ELEVATION
 (2) = HIGH
 (3) MEDIUM
 (4) = LOW



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
7/2/86	1S	3	1030	1031	1031	1032	1
	1M	6 1/2	1030	1032	1032	1035	4
	1V	12 1/2	LOOKS	OK			
	2S	2 1/2	1037	1038	1038	1040	2
	2V	13	LOOKS	OK			
	3S	3	1046	1047	1047	1051	4
	3V	14	LOOKS	OK			
	4S	2	1029	1035	1035	1108	13
	4V	13	LOOKS	OK			

av
 Time
 5min
 Max
 depth
 3FT

REMARKS _____

TYPE OF SOIL _____

TESTED BY B. Hodges ALSO PRESENT _____

1/16/90 12.00
2 or later

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation _____ Receipt # 43198
 Replacement _____ Date 12-14-88

Name of Installer EASTENDAY Telephone _____

License Number _____
 Certified Well Pump Installer _____ Well Driller Registered Plumber _____

Name of Property Owner Craft Builders Telephone _____
 Subdivision Kings Grant Lot # 3 Well Tag # HD-88-0358
 Site Address 3213 Parliament Place

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower _____	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth _____
c. Submersible _____	a. 110 _____	
2. Make _____	b. 220 _____	
3. Model # _____		
4. Capacity _____ GPM		
5. Pump exceeds well capacity Yes _____ No _____		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____		

Tank	Piping	Well data
1. Capacity _____	1. Type _____	1. Depth _____ ft.
2. Pressure relief valve? _____	2. Size _____	2. Yield _____ GPM
	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
	4. Depth of supply line _____	4. Will water supply be disinfected by installer? _____

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

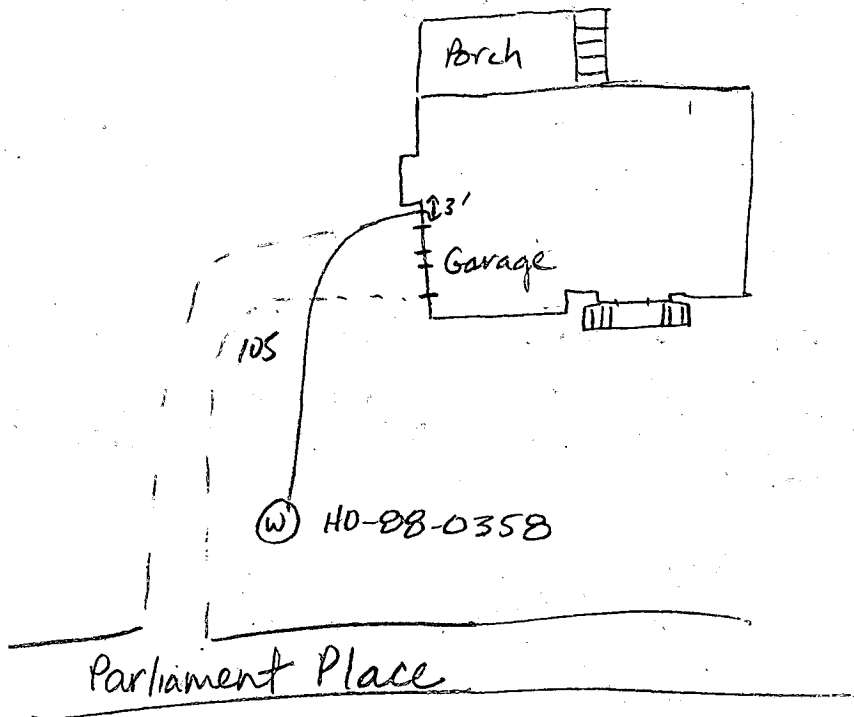
All information given above is true to the best of my knowledge.

Signature of Applicant: _____

Date: _____

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

1
44
2.4
17.6
88
105



Well cap cracked, should be replaced.
Pitless adaptor at 51 inches below grade. Well line at 36 in below grade. No ground line connected yet. House connection to be grouted. Pump not installed yet. JENadeau 1-16-90

C1 6855

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A+ 36589

DATE Received

DATE WELL COMPLETED 042689

Depth of Well 200 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HU-88-0358

OWNER CRAFT BUILDERS last name PARLIAMENT first name PLACE TOWN GLENELG SUBDIVISION KYLE'S GRANT (GLENWOOD) SECTION LOT 3

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Top oil, Slate, Brown Mica, Green Mica, Blue Mica, Gray Mica, Green Mica, Brown Mica, Gray Mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 15 NO. OF POUNDS 1500 GALLONS OF WATER 75 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 52 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 63

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.) 140 11 300

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 44

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 2 PUMPING RATE (gal. per min. to nearest gal.) 7 METHOD USED TO MEASURE PUMPING RATE Puck WATER LEVEL (distance from land surface) BEFORE PUMPING 23 WHEN PUMPING 72

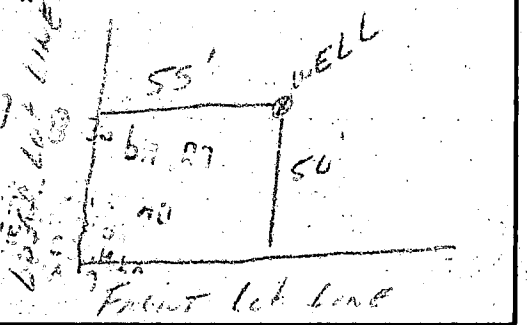
TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX-SEE ABOVE:

CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) 4 above LAND SURFACE 2 (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



COUNTY

4/28 See back

B 1 **7805** SEQUENCE NO. (DP USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER **40-88-0358**

fill in this form completely

Date Received (APA) **12/14/88**

OWNER INFORMATION

Howard Estates **Deu**

15 Last Name Owner First Name 34

PO BOX 11018

36 Street or RFD 55

COLUMBIA **MARYLAND**

57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL **R-43198**

Howard

8 COUNTY 21

KING'S GRANT

23 SUBDIVISION 42

SECTION **3** LOT **3**

44 46 48 50

Glenn

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **1** MI

73 76 77 78

DRILLER INFORMATION

George Easterday **40**

Driller's Name 77 License No. 80

L.F. Easterday, Inc.

Firm Name

9265 Brown Church Rd., Mt. Airy, MD. 21771

Address

[Signature] **12-5-88**

Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NEAR WHAT ROAD **Parliament Place**

11 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH NORTH WEST EAST SOUTH

34 **50** 37 DISTANCE FROM ROAD

ENTER FT or MI **50**

38 39

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **5**

8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD **5-22-89** **A # 36589**

COUNTY NAME COUNTY NO.

STATE SIGNATURE **Charles Beyond** INSERT S

DATE ISSUED **12/23/88** EXP. DATE

43 48 CO SIGNATURE 52

NORTH GRID **527000** EAST GRID **0807000**

50 55 57 63

APPROXIMATE DEPTH OF WELL **300** FEET

24 28

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)

CABLE REVERSE-ROTary DRIVE-POINT

other _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. **Well**

2.

3.

WRITE THE BOX NUMBER FROM THE MAP HERE

808

527

4/18/89 4/26/89 Well drilled 1 1/2 casing above location of well left before well grouted

15 Bags of cement

63 Well casing

53 Open-grout oil

000 000 Taper at 10' - 2' more

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) **41** **52**

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

N

Burnt

Glenn

Trinidad

over

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER **G E A P**

54 63

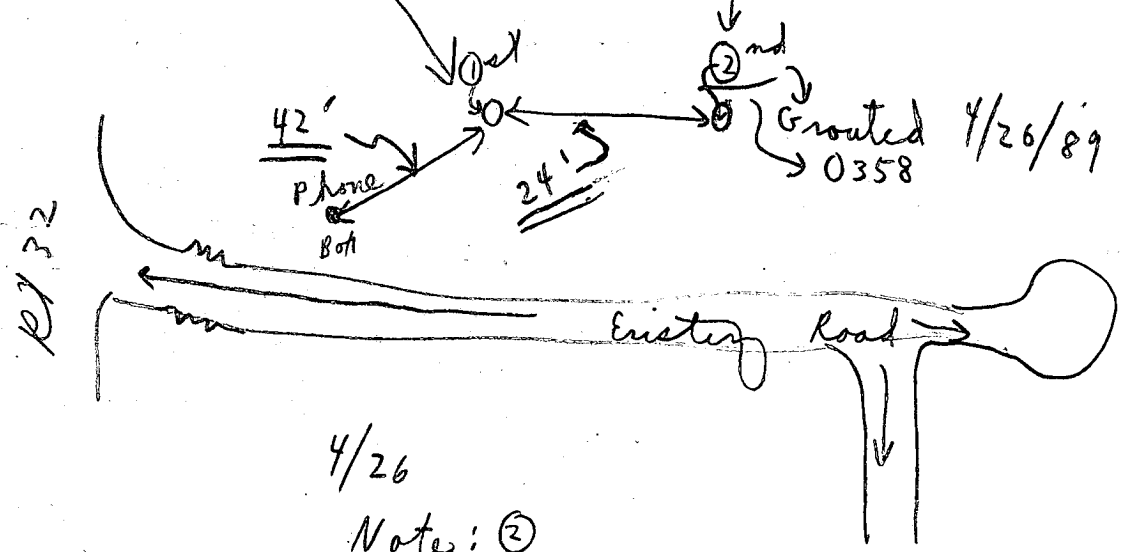
FORCE **CW** WRITE INITIALS IN BOX PERMIT NO. **40-88-0358**

67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

COUNTY

Note: ①
 # 01st "0358" Caved in per Joe of
 Eustaday. Tag to be transferred
 to this water well
 C.B.S



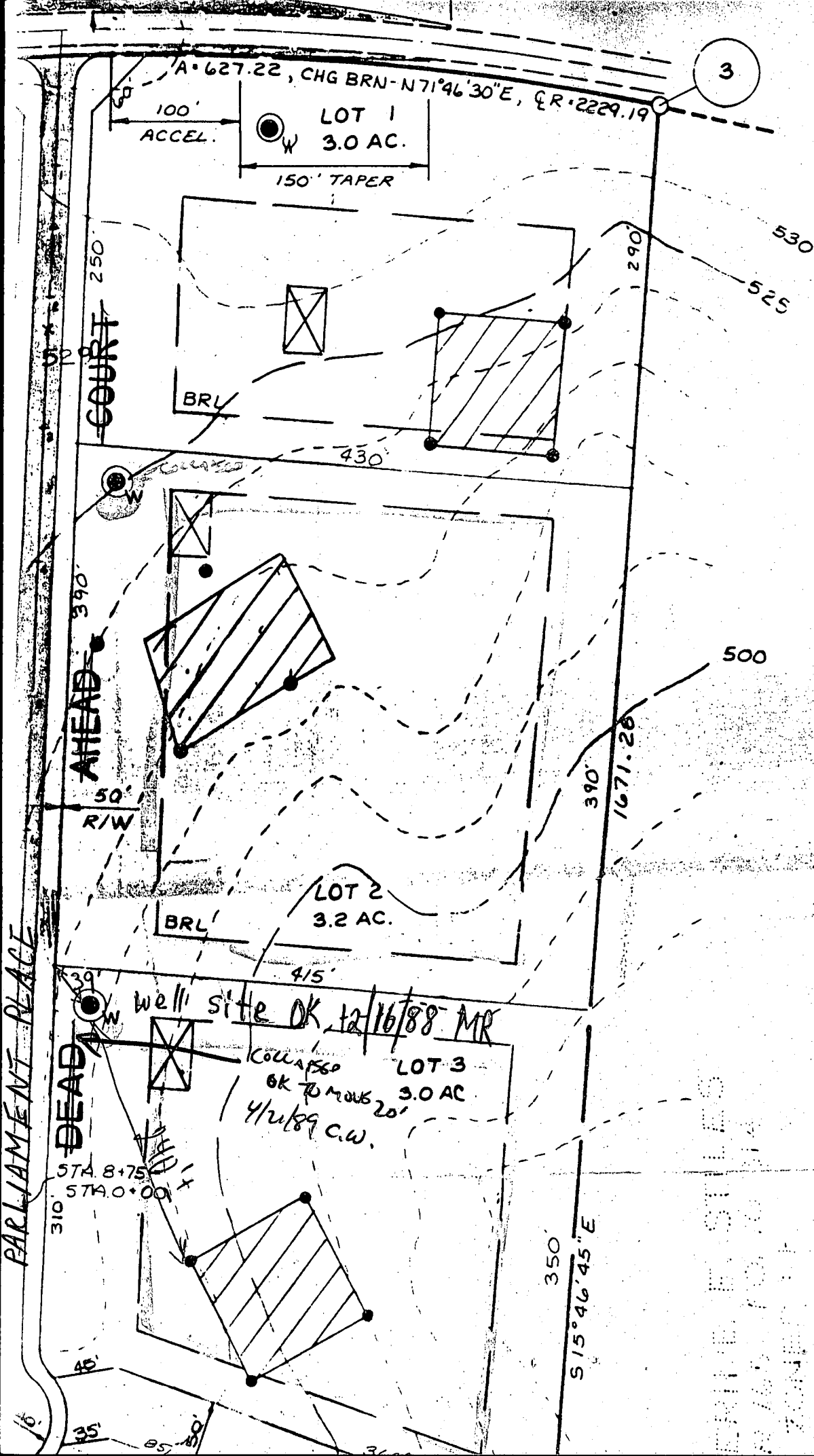
4/26

Note: ②

↓ Tag moved while sanitarian
 present. to 2nd Well.
 C.B.S

RECEIVED
 HOWARD COUNTY
 HEALTH DEPT.
 DEC 12 9 31 AM '88

RECEIVED
 HOWARD COUNTY
 HEALTH DEPT.
 ELLIOTT ST. MD.
 DEC 9 9 07 AM '88

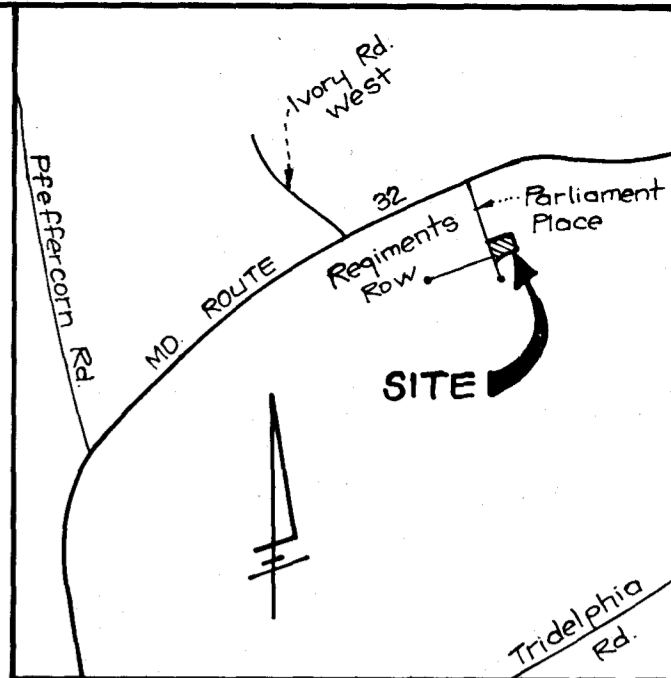
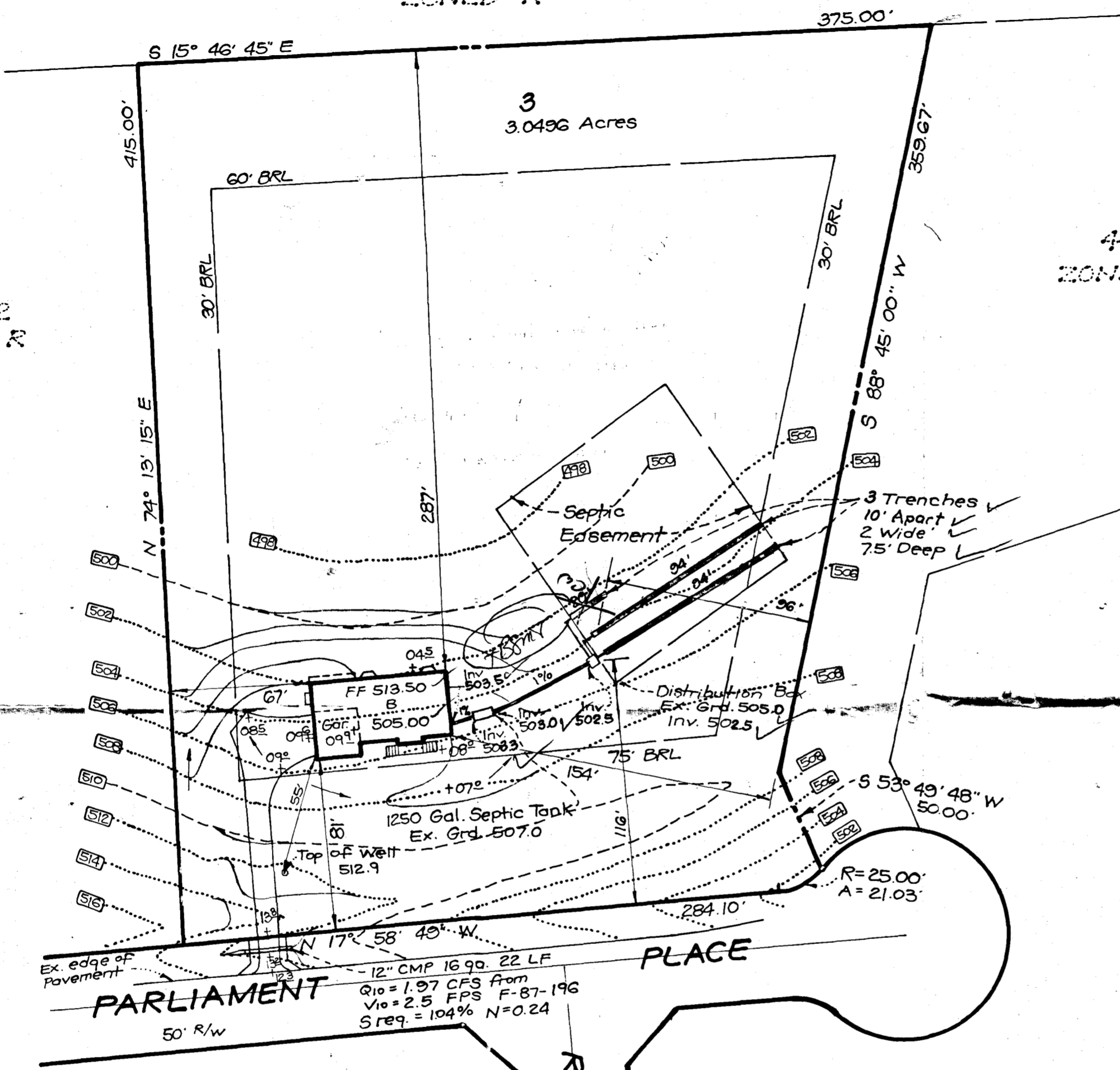


4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	

COORDINATE	
NO.	NORTH
1	527322.8744
2	527892.0755
3	528087.5905
4	526479.2896
5	526337.1789
6	526665.3820
7	526606.926
8	526117.1904

LEGEND	
	HOUSE
	10,000 \$
	FAILED
	GOOD PE

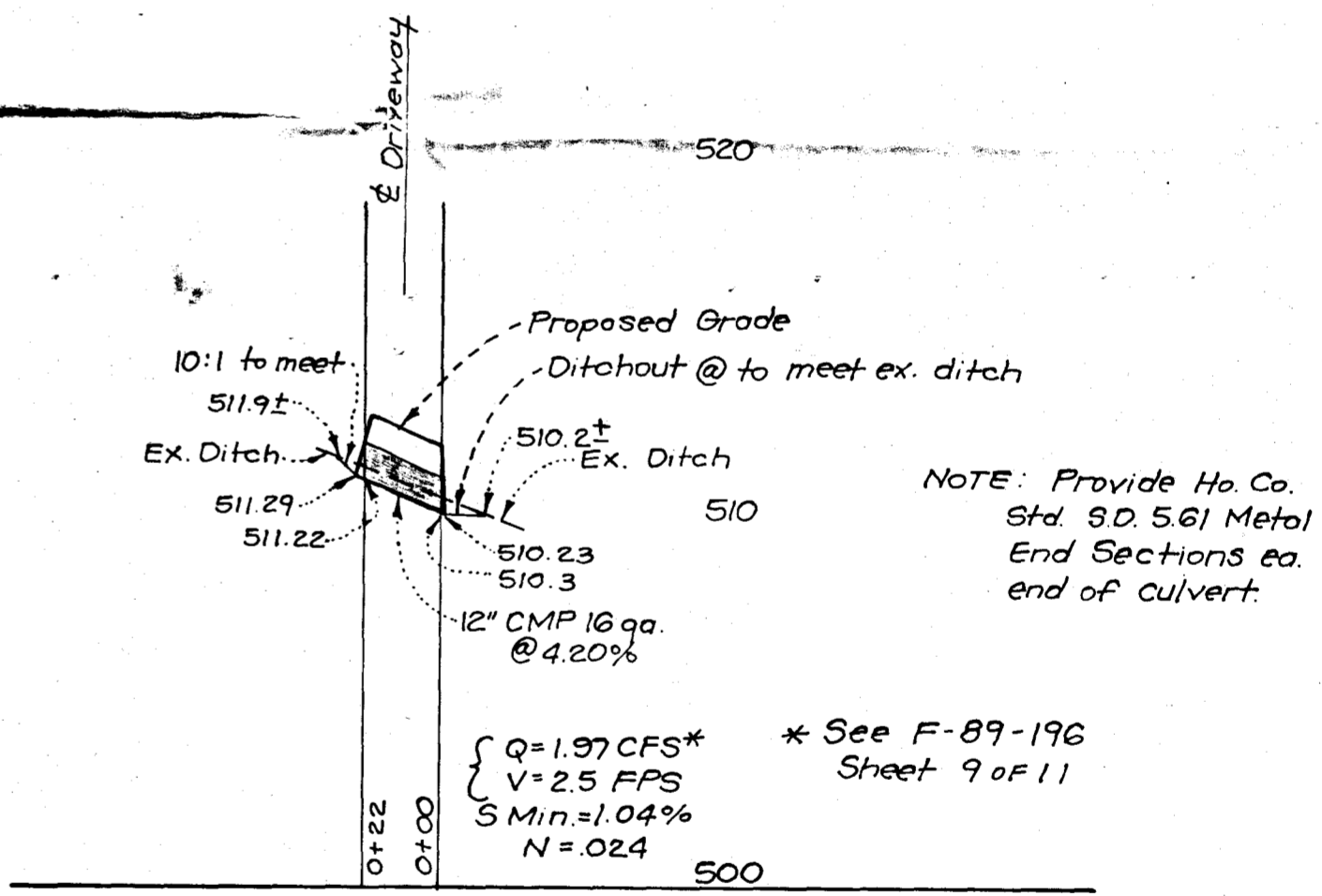
KATHERINE E. STILES
L. 165 F 314
ZONED R



VICINITY MAP
Scale: 1" = 2000'

LEGEND

- Contour Interval 2 Ft.
- Existing Contour - - - - -
- Proposed Contour - - - - -
- Spot Elevation +0.4±
- Direction of Drainage →



DRIVEWAY CULVERT

Scale: Hor. 1" = 50'
Vert. 1" = 5'

B40G. PERMIT SIGNED
AND RETURNED 7/23/89
8A

PERMIT NO. 36589

CFE CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (301) 381-7500 - BALTO • (301) 621-8100 - WASH.

DESIGNED JME	SITE DEVELOPMENT, SEDIMENT and EROSION CONTROL PLAN LOT 3 KINGS GRANT 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 50'
DRAWN BAL		DRAWING 1 OF 1
CHECKED JME		JOB NO. 89-068
DATE May 1989		FOR: W.A. KEHOE COMPANY P.O. Box 1064 Columbia, Maryland 21044

NO	REVISION	DATE
1	Revised septic system to sewer basement by gravity	7-24-89

KATHERINE E. STILES
 L. 165 E 314
 ZONED R

